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Sheet 1

of 13

**Complete If Known**

Application Number	Unknown	10/824,123
Filing Date	Herewith	
First Named Inventor	Han	
Art Unit	Unknown	
Examiner Name	Unknown	

Attorney Docket Number 003330 USA PO1/ETCH/METAL/JB

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.*	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
ML	US-4244743	01/13/1981	Blackburn et al.		
ML	US-4433004	02/21/1984	Toshiro et al. Yonezawa et al.		
ML	US-4743493	05/10/1988	Siohansi et al.		
ML	US-4897315	1/30/1990	Gupta		
ML	US-4910092	03/20/1990	Olson et al.		
ML	US-4933239	06/12/1990	Olson et al.		
ML	US-4939308	07/03/1990	Maxfield et al.		
ML	US-4973445	11/27/1990	Singheiser et al.		
ML	US-5244875	09/14/1993	Hauser et al.		
ML	US-5366585	11/22/1994	Robertson et al.		
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ML	US-5498313	03/12/1996	Bailey et al.		
ML	US-5624632	04/29/1997	Baumann et al.		
ML	US-5680013	10/21/1997	Dornfet et al.		
ML	US-5753044	05/19/1998	Hanawa et al.		
ML	US-5798016	08/25/1998	Oehrlein et al.		
ML	US-5807613	09/15/1998	Maria et al. Aguera et al.		
ML	US-5824205	10/20/1998	Foster		
ML	US-5833829	11/10/1998	Foster		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code <sup>3</sup> -Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
ML	JP-59205468	11/21/1984	Nat'l Res Inst	Abstract		
ML	JP-62174377	7/31/1987	Mitsubishi Heav	Abstract		
ML	PCT-9814980	04/09/1998	Lam Research			
ML	DE-9421671	08/22/1996	Siemens			✓
ML	EP-0849767-A2	06/24/1998	Applied Materia			
ML	DE-3543802-A1	06/19/1987	BBC AK			

Examiner Signature  
*LaVilla*Date Considered  
11/17/06

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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